

	Search Terms
1	DIFFERENCE
2	DIFFERENCES
3	ERROR
4	ERRORS
5	MINIMISATION
6	MINIMISATIONS
7	MINIMISE
8	MINIMISED
9	MINIMISES
10	MINIMISING
11	MINIMIZATION
12	MINIMIZATIONS
13	MINIMIZE
14	MINIMIZED
15	MINIMIZES
16	MINIMIZING
17	MODEL
18	MODELING
19	MODELINGS
20	MODELED
21	MODELLING
22	MODELLINGS
23	MODELS
24	OPTIMAL
25	OPTIMALS
26	OPTIMISATION
27	OPTIMISATIONS
28	OPTIMISE
29	OPTIMISES
30	OPTIMISING
31	OPTIMIZATION
32	OPTIMIZATIONS
33	OPTIMIZE
34	OPTIMIZED
35	OPTIMIZES
36	OPTIMIZING
37	STIMULI
38	STIMULUS

	Total	USPAT	US-PGPUB	EPO	JPO	Derwent	IBM TDB	USOCR
1	1420410							
2	427517							
3	734680							
4	319403							
5	2359							
6	9							
7	51163							
8	36345							
9	40895							
10	22951							
11	35580							
12	227							
13	540057							
14	324334							
15	210524							
16	263330							
17	563790							
18	60370							
19	49							
20	8078							
21	17290							
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23	157664							
24	303997							
25	9							
26	9337							
27	234							
28	12520							
29	6079							
30	7751							
31	96961							
32	6231							
33	157043							
34	189274							
35	30235							
36	82468							
37	31512							
38	20							

	Search Terms
39	STIMULU
40	STIMULUS
41	TEST
42	TESTABLE
43	TESTED
44	TESTER
45	TESTERS
46	TESTING
47	TESTINGS
48	TESTS
49	VECTOR
50	VECTORS
51	OPTIMISED
52	(((OPTIMIZING OR OPTIMIZE OR OPTIMIZATION OR OPTIMIZED OR OPTIMAL) SAME (MINIMIZATION OR MINIMIZING OR MINIMIZED OR MINIMIZE)) SAME (DIFFERENCE OR ERROR)) AND (((MODELLED OR MODELLING OR MODELING OR MODEL) SAME (STIMULI OR STIMULUS OR VECTOR)) SAME (TESTABLE OR TESTER OR TESTED OR TESTING OR TEST))

	Total	USPAT	US-PGPUB	EPO	JPO	Derwent	IBM TDB	USOCR
39	4							
40	39513							
41	1150889							
42	3916							
43	525733							
44	94966							
45	8726							
46	561128							
47	1076							
48	427890							
49	290502							
50	149385							
51	19296							
52	117							

U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input type="checkbox"/> US 20040170330 A1	20040902	59	Video coding reconstruction apparatus and methods	382/232
2	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20040165777 A1	20040826		On-line handwriting recognizer	382/187
3	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20040162689 A1	20040819		Multiport network analyzer calibration employing reciprocity of a device	702/104
4	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20040160228 A1	20040819	18	Network analyzer calibration employing reciprocity of a device	324/601
5	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20040138826 A1	20040715		Experimental design and data analytical methods for detecting and characterizing interactions and interaction thresholds on fixed ratio rays of polychemical mixtures and subsets thereof	702/27
6	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20040110209 A1	20040610		Method for predicting transcription levels	435/6
7	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20040083452 A1	20040429		Method and system for predicting multi-variable outcomes	717/109
8	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20040078188 A1	20040422		System and method for automated multimedia content indexing and retrieval	704/1
9	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20040077090 A1	20040422		Whole cell engineering by mutagenizing a substantial portion of a starting genome, combining mutations, and optionally repeating	435/471
10	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20040068199 A1	20040408		Unified probabilistic framework for predicting and detecting seizure onsets in the brain and multitherapeutic device	600/544
11	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 200400181513 A1	20040129		Classification and prognosis prediction of acute lymphoblastic leukemia by gene expression profiling	435/6
12	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20040015460 A1	20040122		Controlled capacity modeling tool	706/16
13	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20040013252 A1	20040122		Method and apparatus for improving listener differentiation of talkers during a conference call	379/142.01
14	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 2004001559 A1	20040101		Postdistortion amplifier with predistorted postdistortion	375/297
15	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20030235245 A1	20031225		Method and system for computing pre-equalizer coefficients	375/232
16	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20030225719 A1	20031204		Methods and apparatus for fast and robust model training for object classification	706/48
17	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20030216916 A1	20031120		Optimization of detection systems using a detection error tradeoff analysis criterion	704/250
18	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20030191728 A1	20031009		Performance of artificial neural network models in the presence of instrumental noise and measurement errors	706/21
19	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> US 20030172043 A1	20030911		Methods of identifying patterns in biological systems and uses thereof	706/48

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1		Fogg, Chad Edward	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20040170330	<input type="checkbox"/>						
2		Lossev, Ilya et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040165777	<input type="checkbox"/>
3		Jamneala, Tiberiu et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040162689	<input type="checkbox"/>
4		Jamneala, Tiberiu et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040160228	<input type="checkbox"/>
5		Carter, Walter Hansbrough JR. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040138826	<input type="checkbox"/>
6		Yokota, Hiroki et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040110209	<input type="checkbox"/>
7	708/520	Minor, James M. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040083452	<input type="checkbox"/>
8		Gibbon, David Crawford et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040078188	<input type="checkbox"/>
9	435/252.3; 435/254.2	Short, Jay M.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040077090	<input type="checkbox"/>
10		Echauz, Javier Ramon et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040068199	<input type="checkbox"/>
11		Downing, James R. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040018513	<input type="checkbox"/>
12		Alhadef, Bernard et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040015460	<input type="checkbox"/>
13	379/142.07; 379/142.08; 379/142.17	Crane, Michael L.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040013252	<input type="checkbox"/>
14		Pinckley, Danny Thomas et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20040001559	<input type="checkbox"/>
15	375/233	Erdogan, Alper Tunga et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030235245	<input type="checkbox"/>
16		Juang, Biing-Hwang et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030225719	<input type="checkbox"/>
17		Navratil, Jiri et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030216916	<input type="checkbox"/>
18	706/31	Kulkarni, Bhaskar Dattatray et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030191728	<input type="checkbox"/>
19		Guyon, Isabelle et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030172043	<input type="checkbox"/>

	U	1	Document ID	Issue Date	Pages	Title	Current OR
20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030169438 A1	20030911	25	Colour separation method	358/1.9
21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030149603 A1	20030807	83	System and method for operating a non-linear model with missing data for use in electronic commerce	705/7
22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030148313 A1	20030807	64	Applications of parallel genomic analysis	435/6
23	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030142832 A1	20030731	25	Adaptive method for detecting parameters of loudspeakers	381/59
24	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030140039 A1	20030724	59	Pre-processing input data with outlier values for a support vector machine	707/4
25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030140023 A1	20030724	88	System and method for pre-processing input data to a non-linear model for use in electronic commerce	706/21
26	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030139828 A1	20030724	63	System and method for historical database training of support vector machine	700/53
27	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030130899 A1	20030710	100	System and method for pre-processing input data to a non-linear models for use in electronic commerce	705/26
28	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030115564 A1	20030619		Block based design methodology	716/8
29	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030101161 A1	20030529		System and method for historical database training of support vector machines	707/1
30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030100998 A2	20030529		SYSTEMS AND METHODS FOR MONITORING BEHAVIOR INFORMATICS	702/19
31	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030099350 A1	20030529		System and method for upstream power backoff for xDSL	379/417
32	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030083822 A2	20030501		SYSTEMS AND METHODS FOR MONITORING BEHAVIOR INFORMATICS	702/19
33	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030078850 A1	20030424		Electronic marketplace system and method using a support vector machine	705/26
34	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030078683 A1	20030424		System and method for on-line training of a support vector machine	700/44
35	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030063672 A1	20030403		Method for estimating the motion between two digital images with management of mesh overrunning and corresponding coding method	375/240.16
36	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030055610 A1	20030320		Signal processing technique	702/194
37	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030033587 A1	20030213		System and method for use in electronic commerce	717/104
38	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20030033194 A1	20030213		System and method for on-line training of a non-linear model for use in electronic commerce	705/10

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
20			Velde, Koen Vande et al.	<input type="checkbox"/>	US 20030169438	<input type="checkbox"/>						
21	706/22		Ferguson, Bruce et al.	<input type="checkbox"/>	US 20030149603	<input type="checkbox"/>						
22	435/91.2; 702/20		Strathmann, Michael Paul	<input type="checkbox"/>	US 20030148313	<input type="checkbox"/>						
23	381/96		Meerkoetter, Klaus et al.	<input type="checkbox"/>	US 20030142832	<input type="checkbox"/>						
24			Ferguson, Bruce et al.	<input type="checkbox"/>	US 20030140039	<input type="checkbox"/>						
25	706/15		Ferguson, Bruce et al.	<input type="checkbox"/>	US 20030140023	<input type="checkbox"/>						
26	700/31; 700/47; 700/52		Ferguson, Bruce et al.	<input type="checkbox"/>	US 20030139828	<input type="checkbox"/>						
27			Ferguson, Bruce et al.	<input type="checkbox"/>	US 20030130899	<input type="checkbox"/>						
28	716/2; 716/4		Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
29	707/3		Ferguson, Bruce et al.	<input type="checkbox"/>	<input type="checkbox"/>							
30	382/128; 702/20		Brunner , Daniela et al.	<input type="checkbox"/>	<input type="checkbox"/>							
31	379/221.15		Bosstoen , Tom et al.	<input type="checkbox"/>	<input type="checkbox"/>							
32	705/2		Brunner , Daniela et al.	<input type="checkbox"/>	<input type="checkbox"/>							
33			Hartman, Eric et al.	<input type="checkbox"/>	<input type="checkbox"/>							
34	700/52; 700/53		Hartman, Eric et al.	<input type="checkbox"/>	<input type="checkbox"/>							
35	348/699		Laurent-Chatenet, Nathalie	<input type="checkbox"/>	<input type="checkbox"/>							
36			Webber, Christopher J ST C	<input type="checkbox"/>	<input type="checkbox"/>							
37			Ferguson, Bruce et al.	<input type="checkbox"/>	<input type="checkbox"/>							
38			Ferguson, Bruce et al.	<input type="checkbox"/>	<input type="checkbox"/>							

U	1	Document ID	Issue Date	Pages	Title	Current OR
39	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20030028327 A1	20030206		Systems and methods for monitoring behavior informatics	702/19
40	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20030004652 A1	20030102		Systems and methods for monitoring behavior informatics	702/19
41	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020186760 A1	20021212		Method and apparatus for identification of an access network by means of 1-port measurements	375/224
42	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020166098 A1	20021107		Block based design methodology	716/1
43	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020165837 A1	20021107		Computer-aided image analysis	706/16
44	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020135618 A1	20020926		System and method for multi-modal focus detection, referential ambiguity resolution and mood classification using multi-modal input	345/767
45	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020133772 A1	20020919		Method and apparatus for low cost signature testing for analog and RF circuits	714/732
46	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020073380 A1	20020613		Block based design methodology with programmable components	716/1
47	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020016952 A1	20020207		Block based design methodology	716/18
48	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20010042237 A1	20011115		Block based design methodology	716/8
49	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20010039641 A1	20011108		Block based design methodology	716/8
50	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20010025369 A1	20010927		Block based design methodology	716/18
51	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20010018756 A1	20010830		Block based design methodology	716/1
52	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20010016933 A1	20010823		Block based design methodology	716/1
53	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6782132 B1	20040824		Video coding and reconstruction apparatus and methods	382/232
54	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6778181 B1	20040817		Graphics processing system having a virtual texturing array	345/582
55	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6725432 B2	20040420		Blocked based design methodology	716/4
56	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6714925 B1	20040330		System for identifying patterns in biological data using a distributed network	706/48
57	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6714909 B1	20040330		System and method for automated multimedia content indexing and retrieval	704/246
58	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6701504 B2	20040302		Block based design methodology	716/10
59	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6698002 B2	20040224		Blocked based design methodology	716/4

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
39	382/128; 702/20		Brunner, Daniela et al.	<input type="checkbox"/>	<input type="checkbox"/>							
40	705/2		Brunner, Daniela et al.	<input type="checkbox"/>	<input type="checkbox"/>							
41			Bosboen, Tom et al.	<input type="checkbox"/>	<input type="checkbox"/>							
42			Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
43	382/156		Zhang, Hong et al.	<input type="checkbox"/>	<input type="checkbox"/>							
44			Maes, Stephane Herman et al.	<input type="checkbox"/>	<input type="checkbox"/>							
45			Vorakaranam, Ram et al.	<input type="checkbox"/>	<input type="checkbox"/>							
46			Cooke, Laurence H. et al.	<input type="checkbox"/>	<input type="checkbox"/>							
47	716/2		Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
48			Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
49	716/2		Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
50			Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
51			Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
52			Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
53	348/716; 382/250; 382/251		Fogg, Chad Edward	<input type="checkbox"/>	<input type="checkbox"/>							
54			Kigariff, Emmett M. et al.	<input type="checkbox"/>	<input type="checkbox"/>							
55	716/1; 716/11; 716/18; 716/2		Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
56	706/16		Bamhill, Stephen et al.	<input type="checkbox"/>	<input type="checkbox"/>							
57	704/251; 704/270.1; 707/102; 707/3		Gibbon, David Crawford et al.	<input type="checkbox"/>	<input type="checkbox"/>							
58			Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
59	716/7		Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							

U	1	Document ID	Issue Date	Pages	Title	Current OR
60	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6694501 B2	20040217		Block based design methodology	716/10
61	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6678548 B1	20040113		Unified probabilistic framework for predicting and detecting seizure onsets in the brain and multitherapeutic device	600/544
62	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6643597 B1	20031104		Calibrating a test system using unknown standards	702/104
63	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6631470 B2	20031007		Block based design methodology	716/3
64	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6629293 B2	20030930		Block based design methodology	716/4
65	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6615373 B2	20030902		Method, system and program products for resolving potential deadlocks	714/47
66	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6594800 B2	20030715		Block based design methodology	716/1
67	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6587845 B1	20030701		Method and apparatus for identification and optimization of bioactive compounds using a neural network	706/21
68	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6584836 B1	20030701		Bias method for identifying and removing machine contribution to test data	73/146
69	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6574778 B2	20030603		Block based design methodology	716/1
70	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6567957 B1	20030520		Block based design methodology	716/4
71	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6549022 B1	20030415		Apparatus and method for analyzing functional failures in integrated circuits	324/752
72	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6536024 B1	20030318		Method for making integrated circuits having gated clock trees	716/6
73	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6532454 B1	20030311		Stable adaptive control using critic designs	706/14
74	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6495601 B1	20021217		Methods and compositions for treating conditions of the central and peripheral nervous systems using non-synaptic mechanisms	514/562
75	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6480791 B1	20021112		Parallel methods for genomic analysis	702/20
76	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6473746 B1	20021029		Method of verifying pretrained neural net mapping for use in safety-critical software	706/15
77	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6470230 B1	20021022		Supervisory method for determining optimal process targets based on product performance in microelectronic fabrication	700/121

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
60	716/1; 716/18; 716/2; 716/7; 716/8; 716/9		Chang, Henry et al.	<input type="checkbox"/>								
61			Echauz, Javier Ramon et al.	<input type="checkbox"/>								
62	702/85		Dunsmore, Joel	<input type="checkbox"/>								
63			Chang, Henry et al.	<input type="checkbox"/>								
64			Chang, Henry et al.	<input type="checkbox"/>								
65	709/240		Eiko, David A. et al.	<input type="checkbox"/>								
66	716/11; 716/4		Chang, Henry et al.	<input type="checkbox"/>								
67	706/20		Braunheim, Benjamin B.	<input type="checkbox"/>								
68			Shterinhauz, Gregory David et al.	<input type="checkbox"/>								
69	716/4		Chang, Henry et al.	<input type="checkbox"/>								
70	716/1		Chang, Henry et al.	<input type="checkbox"/>								
71	324/765		Cole, Jr., Edward I. et al.	<input type="checkbox"/>								
72	716/2; 716/5; 716/7; 716/8		Hathaway, David J.	<input type="checkbox"/>								
73	706/21; 706/23		Werbos, Paul J.	<input type="checkbox"/>								
74	514/269; 514/603		Hochman, Daryl W.	<input type="checkbox"/>								
75	435/6; 435/91,2		Strathmann, Michael P.	<input type="checkbox"/>								
76	706/31		Zakrzewski, Radoslaw Romuald	<input type="checkbox"/>								
77	257/E21.525; 700/182		Toprac, Anthony J. et al.	<input type="checkbox"/>								

U	1	Document ID	Issue Date	Pages	Title	Current OR
78	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6448012 B1	20020910		Method for mapping a nucleic acid	435/6
79	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6434704 B1	20020813		Methods for improving the efficiency of clock gating within low power clock trees	713/320
80	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6373033 B1	20020416		Model-based predictive control of thermal processing	219/497
81	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6368884 B1	20020409		Die-based in-fab process monitoring and analysis system for semiconductor processing	438/14
82	<input checked="" type="checkbox"/>	<input type="checkbox"/> US RE37488 E	20011225		Heuristic processor	706/14
83	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6269467 B1	20010731		Block based design methodology	716/1
84	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6219640 B1	20010417		Methods and apparatus for audio-visual speaker recognition and utterance verification	704/246
85	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6207936 B1	20010327		Model-based predictive control of thermal processing	219/497
86	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6192103 B1	20010220		Fitting of X-ray scattering data using evolutionary algorithms	378/73
87	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6118850 A	20000912		Analysis methods for energy dispersive X-ray diffraction patterns	378/83
88	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6072604 A	20000606		Method for calibrating a photographic copy printer	358/527
89	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6023525 A	20000208		Determining an optimal color space direction for selecting color modulations	382/162
90	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6000833 A	19991214		Efficient synthesis of complex, driven systems	84/600
91	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5982486 A	19991109		Method and apparatus for on-the-move detection of chemical agents using an FTIR spectrometer	356/451
92	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5970239 A	19991019		Apparatus and method for performing model estimation utilizing a discriminant measure	704/245

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
78	436/94		Schwartz, David	<input type="checkbox"/>	<input type="checkbox"/>							
79	716/12		Dean, Alvar et al.	<input type="checkbox"/>	<input type="checkbox"/>							
80	219/483; 219/486; 392/416; 700/29; 700/30		de Waard, Henk et al.	<input type="checkbox"/>	<input type="checkbox"/>							
81	257/E21.525; 324/765; 382/147; 382/149; 382/151; 432/15; 432/16; 432/17		Goodwin, Greg et al.	<input type="checkbox"/>	<input type="checkbox"/>							
82	706/27; 706/41		Broomhead, David Sydney et al.	<input type="checkbox"/>	<input type="checkbox"/>							
83	716/18		Chang, Henry et al.	<input type="checkbox"/>	<input type="checkbox"/>							
84	704/231; 704/273		Basu, Sankar et al.	<input type="checkbox"/>	<input type="checkbox"/>							
85	219/412; 219/483; 219/486; 219/501; 392/416; 700/30		de Waard, Henk et al.	<input type="checkbox"/>	<input type="checkbox"/>							
86	378/75; 378/76; 378/88		Wormington, Matthew et al.	<input type="checkbox"/>	<input type="checkbox"/>							
87	378/82		Mayo, William E. et al.	<input type="checkbox"/>	<input type="checkbox"/>							
88		Zolliker, Peter et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
89		Cass, Todd A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
90	703/2		Gershenson, Neil et al.	<input type="checkbox"/>	<input type="checkbox"/>							
91	702/28		Wang, Chung-Tao David	<input type="checkbox"/>	<input type="checkbox"/>							
92	704/231; 704/236		Bahl, Lalit Rai et al.	<input type="checkbox"/>	<input type="checkbox"/>							

U	1	Document ID	Issue Date	Pages	Title	Current OR
93	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5953136 A	19990914		Method for producing photographic copies from photographic originals	358/504
94	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5839105 A	19981117		Speaker-independent model generation apparatus and speech recognition apparatus each equipped with means for splitting state having maximum increase in likelihood	704/256
95	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5825645 A	19981020		Two-level system identifier apparatus with optimization	700/28
96	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5809490 A	19980915		Apparatus and method for selecting a working data set for model development	706/16
97	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5806029 A	19980908		Signal conditioned minimum error rate training for continuous speech recognition	704/244
98	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5792072 A	19980811		System and method for measuring acoustic reflectance	600/559
99	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5687733 A	19971118		System and method for estimating cardiac output	600/505
100	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5684713 A	19971104		Method and apparatus for the recursive design of physical structures	716/19
101	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5621580 A	19970415		Binary code magnetic recording system	360/48
102	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5613037 A	19970318		Rejection of non-digit strings for connected digit speech recognition	704/256
103	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5475793 A	19951212		Heuristic digital processor using non-linear transformation	706/14
104	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5457625 A	19951010		Maximizing process production rates using permanent constraints	700/29
105	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5377306 A	19941227		Heuristic processor	706/14
106	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5327521 A	19940705		Speech transformation system	704/272
107	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5296861 A	19940322		Method and apparatus for maximum likelihood estimation direct integer search in differential carrier phase attitude determination systems	342/357.11
108	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5278647 A	19940111		Video decoder using adaptive macroblock leak signals	375/240.15
109	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5253192 A	19931012		Signal processing apparatus and method for iteratively determining Arithmetic Fourier Transform	708/403
110	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5036474 A	19910730		Motion detection and tracking from a mobile platform	348/117
111	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 4964126 A	19901016		Fault tolerant signal processing machine and method	714/797

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93 358/1.9		Kraft, Walter et al.	<input type="checkbox"/>								
94 704/231		Ostendorf, Mari et al.	<input type="checkbox"/>								
95 706/16; 706/20; 706/25		Konar, Ahmet Ferit et al.	<input type="checkbox"/>								
96 706/25		Guiver, John P. et al.	<input type="checkbox"/>								
97 704/245		Bührke, Eric Rolfe et al.	<input type="checkbox"/>								
98 73/585		Keefe, Douglas H.	<input type="checkbox"/>								
99 600/526		McKown, Russell	<input type="checkbox"/>								
100 700/182		Asada, Hanjiro et al.	<input type="checkbox"/>								
101 360/40		Cruz, Joao R. et al.	<input type="checkbox"/>								
102 704/251; 704/255		Sukkar, Rafid A.	<input type="checkbox"/>								
103 706/25; 706/32; 706/41		Broomhead, David S. et al.	<input type="checkbox"/>								
104 700/33; 700/44; 700/45		Lim, Kian Y. et al.	<input type="checkbox"/>								
105 706/41		Broomhead, David S. et al.	<input type="checkbox"/>								
106 704/200; 704/203		Savic, Michael I. et al.	<input type="checkbox"/>								
107		Knight, Donald T.	<input type="checkbox"/>								
108 375/240.25		Hingorani, Rajesh et al.	<input type="checkbox"/>								
109 708/405		Tufts, Donald W.	<input type="checkbox"/>								
110 701/27		Bhanu, Bir et al.	<input type="checkbox"/>								
111 714/785		Muscius, Bruce R. et al.	<input type="checkbox"/>								

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112	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 4893815 A	19900116		Interactive transector device commercial and military grade	463/47.3
113	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 4630242 A	19861216		Adaptive and non-adaptive method for estimating the earth's reflection sequence	367/73
114	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 4616308 A	19861007		Dynamic process control	700/39
115	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 4349869 A	19820914		Dynamic matrix control method	700/39
116	<input checked="" type="checkbox"/>	<input type="checkbox"/> MN900561	19900501		Automated Computer Performance Model Calibration Method Using Rule Based Inferencing And Generate-And-Test Paradigm.	
117	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020133772 A	20020919		Electronic circuits low cost signature testing method for testing RF circuit, involves varying test stimulus to minimize error between predicted and measured performance parameters, to determine optimized test stimulus	

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
112	42/1/08; 42/1/16; 89/1/11	Rowan, Larry		<input type="checkbox"/>	<input type="checkbox"/>							
113	367/42; 367/43; 367/45; 702/14	Dome, William J.		<input type="checkbox"/>	<input type="checkbox"/>							
114	700/266; 700/29;	Morshed, Abdol M. et al.		<input type="checkbox"/>	<input type="checkbox"/>							
115	700/36; 700/45; 702/108	Prett, David M. et al.		<input type="checkbox"/>	<input type="checkbox"/>							
116				<input type="checkbox"/>	<input type="checkbox"/>							
117		CHATTERJEE, A et al.		<input type="checkbox"/>	<input type="checkbox"/>							

	Search Terms
1	CHATTERJEE-ABHILIT
2	VARYAM-PRAMODCHANDRAN
3	VOORAKARANAM-RAM
4	CHERUBAL-SASIKUMAR
5	((((GOMES-ALFRED.IN) OR (VOORAKARANAM-RAM.IN)) OR (VARYAM-PRAMODCHANDRAN.IN)) OR (CHERUBAL-SASIKUMAR.IN)) OR (CHATTERJEE-ABHILIT.IN))

	Total	USPAT	US-PGPUB	EPO	JPO	Derwent	IBM TDB	USOCR
1	15							
2	3							
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4	8							
5	18							

U	1	Document ID	Issue Date	Pages	Title	Current OR
1	<input type="checkbox"/>	<input type="checkbox"/> US 20040148549 A1	20040729	7	Method for using an alternate performance test to reduce test time and improve manufacturing yield method to isolate the same	714/25
2	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20030236185 A1	20031225	14	Novel two Gonadotropin releasing hormones and a method and apparatus for testing a system-on-a-chip	514/8
3	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20030158688 A1	20030821	7	Systems and methods for testing integrated circuits	702/117
4	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20030093730 A1	20030515	18	Method and apparatus for high-resolution jitter measurement	714/724
5	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020136337 A1	20020926	9	Method and apparatus for low cost signature testing for analog and RF circuits	375/355
6	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020133772 A1	20020919	19	Method for diagnosing process parameter variations from measurements in analog circuits	702/117
7	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020072872 A1	20020613	15	Method and system for making optimal estimates of linearity metrics of analog-to-digital converters	341/120
8	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20020030615 A1	20020314	12	Apparatus and method including an efficient data transfer for analog to digital converter testing	341/120
9	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 20010035834 A1	20011101	13	Method for diagnosing process parameter variations from measurements in analog circuits	716/4
10	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6625785 B2	20030923	16		
11	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6531972 B2	20030311	12	Apparatus and method including an efficient data transfer for analog to digital converter testing	341/120
12	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 6476741 B2	20021105	12	Method and system for making optimal estimates of linearity metrics of analog-to-digital converters	341/120
13	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5808917 A	19980915	13	Synthesis of low power linear digital signal processing circuits using activity metrics	716/1
14	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 5159598 A	19921027	54	Buffer integrated circuit providing testing interface	714/724
15	<input checked="" type="checkbox"/>	<input type="checkbox"/> JP 2003236371 A	20030826		HIGHLY SELECTIVE BARIUM ADSORBENT AND METHOD FOR THE SAME MANUFACTURING	

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
1			Voorakaranam, Ram et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20040148549	<input type="checkbox"/>					
2	514/15; 530/327; 530/398		Chatterjee, Abhijit et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030236185	<input type="checkbox"/>
3			Chatterjee, Abhijit et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030158688	<input type="checkbox"/>
4			Halder, Achintya et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20030093730	<input type="checkbox"/>
5	375/371		Chatterjee, Abhijit et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20020136337	<input type="checkbox"/>
6			Voorakaranam, Ram et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20020133772	<input type="checkbox"/>
7	257/E21.525		Chatterjee, Abhijit et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20020072872	<input type="checkbox"/>
8			Chenubal, Sasikumar et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20020030615	<input type="checkbox"/>
9			Variyan, Pramodchandran et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 20010035834	<input type="checkbox"/>
10	257/E21.525; 716/1		Chatterjee, Abhijit et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6625785	<input type="checkbox"/>
11	341/118; 341/155; 702/126; 702/186; 702/188; 702/57; 702/58; 702/59; 702/64; 702/65; 714/735		Variyan, Pramodchandran et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6531972	<input type="checkbox"/>
12	341/155		Chenubal, Sasikumar et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 6476741	<input type="checkbox"/>
13			Chatterjee, Abhijit et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5808917	<input type="checkbox"/>
14	714/726; 714/734; 714/797		Welles, II, Kenneth B. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 5159598	<input type="checkbox"/>
15			ONODERA, YOSHIRO et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

U	1	Document ID	Issue Date	Pages	Title	Current OR
16	<input checked="" type="checkbox"/>	<input type="checkbox"/> JP 2002031670 A	20020131		APPARATUS AND METHOD INCLUDING EFFICIENT DATA TRANSMISSION FOR TESTING A/D CONVERTER	
17	<input checked="" type="checkbox"/>	<input type="checkbox"/> WO 3064460 A2	20030807		NOVEL TWO GONADOTROPIN RELEASING HORMONES AND A METHOD TO ISOLATE THE SAME	
18	<input checked="" type="checkbox"/>	<input type="checkbox"/> WO 9931883 A1	19990624		METHOD AND APPARATUS FOR PROVIDING DEMAND-BASED APPLICATION DOWNLOADING VIA AN IN-BAND CHANNEL TO A SET-TOP TERMINAL	

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5	Image Doc. Displayed	PT
16		VARTYAM, PRAMODCHANDRAN et al.	<input type="checkbox"/>	<input type="checkbox"/>								
17		CHATTERJEE, ABHIJIT et al.	<input type="checkbox"/>	<input type="checkbox"/>								
18		KANNAN, NAVNEETH et al.	<input type="checkbox"/>	<input type="checkbox"/>								

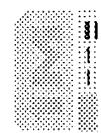
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(stimulus<paragraph>stimuli)
<paragraph>
(optimize<or>optimized<or>optimization)<paragraph>
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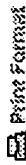
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```
(low<paragraph>cost<paragraph>
signature)<and>
(model<or>modelled<or>modellin
g)
```

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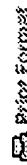
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